

Hartlepool Port Sanitary Authority.

Annual Report

OF THE

MEDICAL OFFICER OF HEALTH,

FOR THE

Year ending December 31st, 1911,

BY

SAMUEL BIGGART, M.D., C.M.

WEST HARTLEPOOL :

ALMA PRESS, LIMITED, PARK ROAD.

Hartlepool Port Sanitary Authority.

April 21st, 1911, to March 16th, 1912.

Chairman : C. T. WATSON.

West Hartlepool Representatives :

T. CLARKSON, Westbourne Road, West Hartlepool.
J. SUGGITT, Lower Archer Street, West Hartlepool.
J. BROWN, Grange Road, West Hartlepool.
W. J. COATES, Lynn Street, West Hartlepool.
W. PATERSON, Brougham Terrace, West Hartlepool.
J. R. FRYER, Grange Road, West Hartlepool.
R. H. CHARLTON, Seaton Carew.
W. EDGAR, Lindon Grove, West Hartlepool.
A. CASPER, "Homewood," West Hartlepool.

Hartlepool Representatives :

J. HUNTER, High Street, Hartlepool.
J. R. BUTTERWICK, "Kirkham," Hartlepool.
W. PEARSON, "The Lawns," Hartlepool.
T. W. WATSON, Gladstone Street, Hartlepool.
C. T. WATSON, Roslyn House, Hartlepool.
W. S. GIBB, Moor House, Hartlepool.

FIXED DAYS OF MEETING.

AT THE MUNICIPAL BUILDINGS, WEST HARTLEPOOL.

May 18th,	1911	September 21st,	1911	January 18th,	1912
June 15th,	,,	October 19th,	,,	February 15th,	,,
July 20th,	,,	November 16th,	,,	March 21st,	,,
August 17th,	,,	December 21st,	,,	April 18th,	,,

EACH DAY AT 3-15 P.M.

General Purposes Committee.

All the Members of the Authority are Members of this Committee.

House Committee.

C. T. Watson, T. Clarkson, W. S. Gibb, J. Hunter, W. Edgar.

Officers.

Clerk—C. J. BUNTING, Solicitor, 28, Church Street, West Hartlepool.

Medical Officer—S. BIGGART, M.D., 116, Scarbro' Street, West Hartlepool.

Surveyor—NELSON F. DENNIS, Municipal Buildings, West Hartlepool.

Inspector—O. P. MITCHELL, 24, Town Wall, Hartlepool.

Assistant Inspector—R. CARTER, Pilot Master, Hartlepool.

ANNUAL REPORT.

WEST HARTLEPOOL,

February, 1912.

*To the Chairman and Members of the Hartlepool
Port Sanitary Authority.*

GENTLEMEN,

In compliance with the requirements of the Local Government Board and the Durham County Council, I herewith submit to you the Annual Report of the work done at the Infectious Diseases Hospital, and at the Port, for the year ending December 31st, 1911.

1.—HOSPITAL.

During the year ending December 31st, 1911, 43 patients were admitted into the Hospital as compared with:—

76 in 1910.	117 in 1905.
107 „ 1909.	97 „ 1904.
31 „ 1908.	185 „ 1903.
50 „ 1907.	105 „ 1902.
80 „ 1906.	39 „ 1901.

Of these 43 cases there were:—

Scarlet Fever	34 cases
Diphtheria	6 „
Typhoid	2 „
Measles	1 „
	<hr/>
	43

Of these 43 cases, there came from—

West Hartlepool	....	....	34 cases
Seaton Carew	....	....	1 case
Hartlepool	....	....	6 cases
Hartlepool Hospital	....	2	„

The average age of patients was 10·5 years as compared with 12·8 years in 1910, and 9·7 years in 1909. There were 2 deaths giving a percentage of 4·5 per 100 as compared with 2·6 per 100 in 1910, and 9·6 per 100 in 1908.

Small Pox. No case of Small Pox has been admitted during the year 1911. The last case of this disease occurred in 1910, when the disease was imported by a vessel.

Hospital Accommodation. The Hospital is in good working order and repair. Its accommodation is sufficient for the present needs of the district.

II.—SHIPPING.

During the year 1911, no case of Infectious Disease was imported by vessels arriving at this port. This forms a record for although the number of cases of infectious diseases brought by ships have never been many in any one year, this is the first time I have to report no case.

The number of vessels visited by me during the year was 32 and there were 4 re-visits, as compared with 84 visits and 4 re-visits in 1910, and 151 visits and 11 re-visits in 1909.

The causes of inspection may be tabulated as follows :—

- 21 vessels reported by your Inspector or by H.M. Customs Officers as having sickness on board either on arrival or during the time of discharging cargoes, or as having had sickness or death during the voyage.
- 4 vessels from infected or suspected ports for crew examination.
- 3 vessels having unsound food as cargo.
- 4 re-visits.
- 2 having sanitary defects.
- 2 having stowaways on board.

36

PRECAUTIONS AGAINST THE INTRODUCTION OF CHOLERA AND PLAGUE.

During the year 1911, Cholera re-appeared in Russia mostly at ports on the Black Sea littoral: the ports in the Baltic were free from this disease. It was prevalent in India, China, and the Malayan Peninsula, and cases occurred in Turkey, Greece, and Italy. Outbreaks of Plague were known principally in Eastern Asia and India.

To prevent the introduction of these quarantinable diseases into the Hartlepoons, vessels were boarded on arrival by your Inspector and myself, the crews, and passengers, if any, were medically examined, and all precautions prescribed by the Local Government Board were taken.

The following vessels from Russian and other ports were visited by me upon arrival here.

DATE.	NAME OF VESSEL.	FROM
1911.		
February 8	S. Lorle	Nicolaieff
" 22	S. St. Patrick	"
March 9	S. Cresswell	Bombay
November 17	S. Elwick	La Goulette

INSPECTION OF FOOD IMPORTED INTO THE PORT.

The following particulars are given to show the work done by your Inspector under the Unsound Food Regulations, 1907.

DATE.	PLACE.	VESSEL.	FOOD INSPECTED.
1911.			
January 9	No. 7 Warehouse	S. Glendun	Barley and Lard.
" 13	" 2 "	S. Dresden	Yeast and Sugar.
" 13	" 7 "	S. Buccaneer	10 c/s tinned Apricots.
" 16	" 7 "	S. Glendun	8 brls. (Bladder) Lard and Cereals.
" 20	" 2 "	S. Dresden	Eggs and Sugar.
" 21	" 7 "	S. Buccaneer	10 c/s tinned Mutton, 1 c/s Lemons.
" 25	" 2 "	S. Federation	40 c/s Sardines and Tomatoes, Eggs, Sugar.
" 27	" 2 "	S. Dresden	Sugar and Yeast.
" 30	" 2 "	S. Federation	Eggs and Sugar.
February 2	" 2 "	S. Dresden	10 c/s Sardines, 33 c/s Eggs, 68 bks. Yeast.
" 3	" 7 "	S. Buccaneer	1 c/s Lobster, 3 c/s Pineapple.
" 6	" 2 "	S. Federation	1000 bags Sugar, 17 c/s Eggs.
" 9	" 2 "	S. Dresden	Sugar and Eggs.
" 10	" 7 "	S. Buccaneer	2 c/s Sardines, 5 c/s tinned Mutton, 10 c/s New Zealand Butter, 1 c/s Pineapple.
" 12	" 7 "	S. Glendun	5 bags Barley, 50 bxs. Lard.

DATE.	PLACE.	VESSEL.	FOOD INSPECTED.
1911.			
February 16	No. 7 Warehouse	S. Buccaneer	50 c/s tinned Beef.
" 17	" 2 "	S. Dresden	Sugar and Eggs.
" 25	" 2 "	S. Federation	Sugar, Eggs and Yeast.
" 27	" 7 "	S. Glendun	Cereals, 15 c/s Condensed Milk.
March 3	" 7 "	S. Buccaneer	10 c/s tinned Mutton.
" 6	" 2 "	S. Dresden	Eggs, Sugar, Yeast.
" 9	" 2 "	S. Federation	Eggs, Sugar, Yeast.
" 9	" 7 "	S. Buccaneer	40 c/s tinned Beef.
" 13	" 7 "	S. Glendun	50 c/s Lard. 28 bags Peas.
" 16	" 2 "	S. Federation	Sugar and Eggs.
" 16	" 7 "	S. Buccaneer	10 c/s tinned Mutton, 3 c/s Pineapple.
" 20	" 2 "	S. Dresden	Eggs and Sugar.
" 24	" 7 "	S. Buccaneer	Sugar, bxs. Dried Fruit.
" 27	" 7 "	S. Glendun	Cereals and Lard.
April 1	" 7 "	S. Buccaneer	10 c/s tinned Mutton, 16 c/s tinned Beef, 6 c/s Prawns.
" 3	" 7 "	S. Glenravel	Barley, Lentils, Oatmeal in bags.
" 4	" 2 "	S. Dresden	Eggs, Sugar, Yeast.
" 7	" 7 "	S. Buccaneer	11 c/s tinned Mutton.
" 10	" 7 "	S. Glendun	Lard in bxs. & buckets Bladder Lard in brls.
" 15	" 7 "	S. Buccaneer	4 c/s Salmon.
" 15	" 2 "	S. Federation	Eggs, Yeast, Sugar.
" 18	" 7 "	S. Glenravel	Oatmeal, Split Peas, Sugar.
" 19	" 2 "	S. Dresden	Eggs, Yeast, Sugar.
" 24	" 2 "	S. Federation	178 tons Potatoes, Sugar, Eggs.
" 27	" 7 "	S. Buccaneer	10 c/s tinned Salmon, Tongue and Lobster.
May 1	" 2 "	S. Federation	15 c/s Condensed Milk.
" 4	" 2 "	S. Dresden	Sugar, Eggs, Yeast.
" 4	" 7 "	S. Buccaneer	11 c/s tinned Fruit, 55 c/s tinned Meat.
" 8	" 7 "	S. Glendun	Cereals, Lard.
" 11	" 7 "	S. New Oporto	Tinned Fruit & Sugar.
" 11	" 2 "	S. Dresden	Eggs and Sugar.
" 15	" 2 "	S. Federation	Eggs and Sugar.
" 18	" 7 "	S. New Oporto	20 c/s tinned Beef, 5 c/s tinned Fruit.
" 22	" 2 "	S. Federation	179 c/s Oranges, 803 c/s Eggs, Yeast.
" 25	" 2 "	S. Dresden	1 c/s tinned Sausage, 25 c/s Condensed Milk.
" 29	" 2 "	S. Federation	138 tons Sugar, 600 c/s Eggs, 74 bsks. Yeast.

DATE.		PLACE.	VESSEL.	FOOD INSPECTED.
1911.				
June	1	No. 2 Warehouse	S. Dresden	56 c/s Lemons, Eggs, Sugar.
"	12	" 7 "	S. Glendun	Lard in brls., bxs. bkts.
"	12	" 2 "	S. Federation	61 Bskts. Yeast, Sugar, Eggs.
"	15	" 7 "	S. Buccaneer	50 c/s tinned Beef, 15 c/s tinned Fruits.
"	19	" 2 "	S. Federation	Sugar in bags and Eggs.
"	23	" 2 "	S. Dresden	Sugar, Eggs, Yeast.
"	26	" 2 "	S. Federation	767 bskts. Bilberries, 70 c/s Lemons, 356 c/s Eggs, Sugar in bags.
"	30	" 2 "	S. Dresden	961 bskts. Bilberries, Sugar.
July	4	" 2 "	S. Federation	65 c/s Lemons, 1664 bskts Bilberries, 158 bskts. Cherries, 929 c/s Eggs, 257 tons Sugar.
"	7	" 2 "	S. Dresden	1011 Bskts. Bilberries, 550 c/s Eggs, 205 tons Sugar.
"	10	" 2 "	S. Federation	5547 Bskts. Bilberries, 345 bskts. Currants, 33 bskts. Cherries, 342 c/s Eggs, 166 tons Sugar.
"	13	" 2 "	S. Dresden	1259 bskts. Bilberries, 217 bskts. Cherries.
"	18	" 2 "	S. Federation	954 bskts. Bilberries, 88 Bskts. Currants, 215 c/s Eggs.
"	21	" 2 "	S. Dresden	333 bskts. Bilberries, 90 bskts. Cherries.
"	24	" 2 "	S. Federation	400 bskts. Bilberries, 50 bskts. Cherries, 72 tons Sugar, 100 tons Eggs
"	27	" 7 "	S. Buccaneer	15 c/s tinned Mutton, 3 c/s tinned Beef.
August	3	" 2 "	S. Dresden	300 bskts. Bilberries.
"	7	" 2 "	S. Federation	198 bskts. Bilberries, 267 c/s Eggs.
"	10	" 2 "	S. Dresden	78 brls. Plums, 9 tons Sugar.
"	14	" 2 "	S. Federation	390 brls. Plums, 119 tons Sugar, 128 tons Eggs.
"	21	" 2 "	"	146 bskts. Plums, 128 tons Sugar, 50 bskts. Yeast.
"	31	" 2 "	"	469 pkgs. Plums, 169 tons Sugar, 3 tons Eggs.
September	4	" 2 "	S. Dresden	67 brls. Plums, 20 tons Eggs, 30 tons Sugar.

DATE.	PLACE.	VESSEL.	FOOD INSPECTED.
1911.			
September 7	No. 2 Warehouse	S. Federation	46 brls. Plums, 15 tons Eggs, 20 tons Sugar.
„ 18	„ 2 „	S. Dresden	347 bsks. Pears, 12 tons Eggs, 53 bsks. Yeast.
„ 26	„ 4 „	S. Grenadine	50 c/s Australian tinned Beef, 39 c/s tinned Pineapple, 100 c/s "Frey Bentos" Beef.
„ 26	„ 2 „	S. Dresden	100 c/s Onions, Sugar Eggs.
October 3	„ 2 „	„	115 c/s Condensed skimmed Milk, 4 sacks Rye Meal, 60 c/s Eggs, 6 sacks Rye Flour.
„ 6	„ 2 „	S. Federation	102 tons Sugar, 7 tons Eggs, 100 Bags Rice.
„ 9	„ 2 „	S. Dresden	15 bsks. Pears, 2 bsks. Yeast.
„ 23	„ 2 „	„	53 bsks. Yeast, 18 c/s Eggs.
November 3	„ 7 „	S. Buccaneer	6 c/s corned Australian Beef.
„ 3	„ 2 „	S. Federation	92 c/s Eggs, 3 bsks. Yeast.
„ 7	„ 2 „	S. Dresden	25 c/s machine skimmed Condensed Milk, 170 c/s Eggs, 1500 bags Sugar.
„ 23	„ 2 „	„	53 bsks. Yeast, 207 c/s Eggs.
„ 27	„ 2 „	S. Federation	73 c/s Eggs, 3 bsks Yeast.
December 4	„ 2 „	„	93 tons Sugar, 9 tons Eggs.
„ 9	„ 7 „	S. Buccaneer	6 c/s tinned Tomatoes, 30 c/s tinned Meat.
„ 12	„ 2 „	S. Federation	304 c/s Eggs, 22 bsks. Yeast, 52 tons Sugar, 85 c/s Condensed Milk.
„ 15	„ 7 „	S. Buccaneer	150 c/s tinned Meat, 3 c/s Lemons, 55 c/s Preserved tinned Fruit.
„ 15	„ 2 „	S. Dresden	169 tons Sugar, 16 tons Eggs.
„ 19	„ 2 „	S. Federation	20 c/s Frozen Geese, 153 tons Sugar, 10 tons Eggs, 3 bsks. Yeast.

The Fresh Fruit imported was of uniformly good quality; none being detained during the season. Preserved Tinned Goods were well packed, the tins and soldering were in good condition, only 4 tins of meat were seized they being "blown." These had been previously examined and passed by the Board of Trade but their condition was due to stowage near boilers, About 10 tons of sugar was detained as being damaged and dirty. It was released upon satisfactory guarantees that same would be sorted and refined.

Port Sanitary Inspectors' Report of Vessels inspected during the year :

From 1st January to 31st December, 1911 :—			1911.	1910.
British Steamships...	...	...	606	598
„ Sailing Vessels	...	...	83	127
Foreign Steamships	...	...	813	762
„ Sailing Vessels	...	...	179	124
			<hr/>	<hr/>
			1,681	1,611
Re-visits made to vessels for Fumigating, to see Regulations carried out where Notices had been served, to Passenger Steamers, to vessels from Infected Ports.				
			262	197
			<hr/>	<hr/>
			1,943	1,808
			<hr/> <hr/>	<hr/> <hr/>

The Nationality of these Vessels were as follows :—

			1911.	1910.
British Steamships	...	...	606	598
„ Sailing Vessels	...	...	83	127
Swedish Steamships	...	...	269	215
„ Sailing Vessels	...	...	111	66
Norwegian Steamships	...	...	216	166
„ Sailing Vessels...	...	...	39	28
Danish Steamships	...	...	90	132
„ Sailing Vessels	...	...	1	4
German Steamships	...	...	104	119
„ Sailing Vessels	...	...	1	0
Russian Steamships	...	...	32	35
„ Sailing Vessels	...	...	23	22
Dutch Steamships	...	...	60	54
„ Sailing Vessels	...	...	3	2
Spanish Steamships	...	...	16	20
French Steamships	...	...	12	8
Greek Steamships	...	...	5	1
Belgian Steamships	...	...	4	9
Austrian Steamships	...	...	3	1
Italian Steamships	...	...	1	1
„ Sailing Vessels	...	...	1	0
Uruguayan Steamships	...	...	1	3
			<hr/>	<hr/>
			1,681	1,611
			<hr/>	<hr/>

The following Table shows the number of Vessels of each nationality inspected and the percentage having Sanitary defects.

			Inspected	Insanitary	Percentage
Austrian...	...	...	3	3	100.0
Belgian ...	...	...	4	0	0.0
Danish ...	...	...	91	9	9.8
Dutch ...	...	...	63	4	6.3
French ...	...	...	12	1	8.3
German ...	...	...	105	4	3.8
Greek ...	...	...	5	1	20.0
Italian ...	...	...	2	1	50.0
Norwegian	...	...	255	29	11.3
Russian ...	...	...	55	11	20.0
Spanish ...	...	...	16	10	6.2
Swedish ...	...	...	380	31	8.1
Uruguay...	...	...	1	0	0.0
Total Foreigners	...	...	992	104	10.4
British ...	...	...	689	73	10.5

The following nuisances and other defects were found and dealt with:—

Dirty Forecasts and Deckhouses	...	...	60
Defective Stoves and Funnels	...	...	10
Defective Port Lights	...	...	168
Defective W.C.s	...	...	16
Defective Ventilation	...	...	33
Defective Drainage	...	...	12
Defective Deck Lights	...	...	11
Defective Chain Casing	...	...	1
Defective Floors in Forecasts	...	...	2
Defective Bulkhead between W.C. and Crew Space	...	...	2
Defective Skylights in Forecasts	...	...	1
Defective Forecastle doors	...	...	2
Leaky Overhead Decks	...	...	19
Leaky Hawse Pipes	...	...	3
Dirty Bedding	...	...	7
Sweating Ironwork in Crew Space	...	...	7
Dirty and Foul W.Cs.	...	...	11
Dirty F.W. Tanks	...	...	1
Insufficient Light in Forecasts	...	...	1
Defective Vent pipe to F.W. Tank	...	...	1
Water Cask (rotten) replaced by G. I. Tank	...	...	1
Foul Bilges	...	...	1
Paints stored in Crew Space	...	...	2
Defective F. W. Tank	...	...	1
Verminous Forecasts	...	...	4

377

All the requirements are known to have been carried out. It may be pointed out that one notice may cover more than one defect or nuisance.

Summary of Sanitary Inspectors' Monthly Reports.

Date of Report.	Description of Vessels.		Nationality.		Trade Engaged in.		Total Vessels Examined	Sanitary Conditions.		Written Notices Served	Verbal Notices	Total Written and Verbal Notices
	Steam	Sail	British	Foreign	Coast	Foreign		Good	Bad			
1911.												
January 18th	68	4	30	42	18	54	72	61	11	1	10	11
February 15th	109	19	63	65	43	85	128	118	10	1	9	10
March 15th	92	13	67	38	51	54	105	98	7	0	7	7
April 19th	112	22	62	72	37	97	134	124	10	1	9	10
May 17th	119	31	61	89	47	103	150	131	19	2	17	19
June 14th	116	30	41	105	24	122	146	133	13	0	13	13
July 19th	141	19	57	103	34	126	160	141	19	0	19	19
August 16th	125	34	43	116	25	134	159	148	11	0	11	11
September 20th	146	18	60	104	32	132	164	142	22	0	22	22
October 18th	120	23	58	85	23	120	143	123	20	0	20	20
November 15th	116	24	68	72	44	96	140	121	19	0	19	19
December 31st	153	27	79	101	48	132	180	164	16	0	16	16
Total	1,417	264	689	992	426	1,255	1,681	1,504	177	5	172	177

The Trade of the Ships Inspected.

	Number Inspected	Number Reported to be Defective.	Number of Orders Issued.
Engaged in Foreign Trade :			
Steamers	1,059	141	141
Sailing	186	9	9
Fishing	10	0	0
	1,255	150	150
Engaged in Coasting Trade :			
Steamers	348	19	19
Sailing	78	8	8
Fishing	0	0	0
	1,681	177	177

In conclusion I beg to express my thanks to Mr. Stephenson, the collector of H.M. Customs, to the Landing and Waterguard Officers of Customs, to Pilots and to the respective Dock Masters for the kind courtesy and assistance which they have invariably extended to the Officers of your Authority.

My thanks are also due to the Masters and Owners of Shipping for their aid and co-operation in enabling me to carry out the various duties devolving upon the administration of the Port Sanitary Authority. I also wish to state that the Authority's Inspectors have carried out their duties during the past year in a highly satisfactory manner.

S. BIGGART, M.D.,

Medical Officer of Health to the Hartlepool Port Sanitary Authority.

